

B1  
A  
Concl.

a microwave low noise amplifier;  
a transmitter coupled via said microwave power amplifier to said antenna;  
a receiver coupled via said microwave low noise amplifier to said antenna;  
a user VSAT interface; and  
a controller in communication with said user VSAT interface and in electrical connection with said microwave power amplifier and said microwave low noise amplifier for supplying power thereto, said controller being operative to provide a less-than-full electrical power supply to either of said amplifiers **[in the absence of a communication session]** after a predetermined period of inactivity of said user VSAT interface and operative to provide a full electrical power supply to either of said amplifiers in the presence of a communication session.

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10. (Amended) A VSAT telecommunication network comprising:  
at least one satellite; and  
a plurality of VSAT terminals in communication with said satellite, wherein at least one of said VSAT terminals compr[om]ises:

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an antenna;  
a microwave power amplifier;  
a microwave low noise amplifier;  
a transmitter coupled via said microwave power amplifier to said antenna;  
a receiver coupled via said microwave low noise amplifier to said antenna;  
a user VSAT interface; and  
a controller in communication with said user VSAT interface and in electrical connection with said microwave power amplifier and said microwave low noise amplifier for supplying power thereto, said controller being operative to provide a

less-than-full electrical power supply to either of said amplifiers **[in the absence of a communication session]** after a predetermined period of inactivity of said user VSAT interface and operative to provide a full electrical power supply to either of said amplifiers in the presence of a communication session.

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11. (Amended) A method for managing power consumption in a VSAT terminal having an antenna, a microwave power amplifier, a microwave low noise amplifier, a transmitter coupled via said microwave power amplifier to said antenna, a receiver coupled via said microwave low noise amplifier to said antenna, a user VSAT interface, and a controller in communication with said user VSAT interface, said microwave low noise amplifier, and said microwave power amplifier, the method comprising:

providing a less-than-full electrical power supply to either of said amplifiers **[in the absence of a communication session]** after a predetermined period of inactivity of said user VSAT interface; and

providing a full electrical power supply to either of said amplifiers in the presence of a communication session.

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**Please add new claims 17-19 as follows:**

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17. (New) A VSAT terminal comprising:

- an antenna;
- a microwave power amplifier;
- a microwave low noise amplifier;

a transmitter coupled via said microwave power amplifier to said antenna;  
a receiver coupled via said microwave low noise amplifier to said antenna;  
a user VSAT interface; and

a controller in communication with said user VSAT interface and in electrical connection with said microwave power amplifier and said microwave low noise amplifier for supplying power thereto, said controller being operative to provide a less-than-full electrical power supply to either of said amplifiers after a predetermined period of inactivity of said microwave low noise amplifier and operative to provide a full electrical power supply to either of said amplifiers in the presence of a communication session.

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Cont.

18. (New) A VSAT telecommunication network comprising:

at least one satellite; and

a plurality of VSAT terminals in communication with said satellite, wherein at least one of said VSAT terminals comprises:

an antenna;

a microwave power amplifier;

a microwave low noise amplifier;

a transmitter coupled via said microwave power amplifier to said antenna;

a receiver coupled via said microwave low noise amplifier to said antenna;

a user VSAT interface; and

a controller in communication with said user VSAT interface and in electrical connection with said microwave power amplifier and said microwave low noise amplifier for supplying power thereto, said controller being operative to provide a less-than-full electrical power supply to either of said amplifiers after a predetermined

period of inactivity of said microwave low noise amplifier and operative to provide a full electrical power supply to either of said amplifiers in the presence of a communication session.

19. (New) A method for managing power consumption in a VSAT terminal having an antenna, a microwave power amplifier, a microwave low noise amplifier, a transmitter coupled via said microwave power amplifier to said antenna, a receiver coupled via said microwave low noise amplifier to said antenna, a user VSAT interface, and a controller in communication with said user VSAT interface, said microwave low noise amplifier, and said microwave power amplifier, the method comprising:

providing a less-than-full electrical power supply to either of said amplifiers after a predetermined period of inactivity of said microwave low noise amplifier; and

providing a full electrical power supply to either of said amplifiers in the presence of a communication session.

### REMARKS

Reconsideration of the above-identified patent application in view of the amendments above and the remarks following is respectfully requested.

Claims 1-16 are in this case. Claims 13 and 14 have been rejected under § 112, first paragraph. Claims 1-4, 7-12, 15 and 16 have been rejected under § 102(b). Claims 5 and 6 have been rejected under § 103(a). Claims 7 and 13-15 have been canceled. Independent claims 1, 10 and 11 have been amended. New independent claims 17-19 have been added.